

ABSTRACT

A method for reducing electronic artifacts in ultrasound images of anatomical tissue. At least two calibration signals are received from imaging ultrasound waves that have been reflected from different regions in anatomical tissue. A correction signal is derived from the calibration signals. The correction signal is subtracted from a signal to derive a corrected signal. An image generated from the corrected signal is then displayed. The correction signal may be derived using weighted averaging and may be updated upon receipt of additional signals. The correction signal may be initialized to zero periodically, in response to a change in the system, or at the direction of the operator.